Statistics 213: Introduction to Applied Statistics

Instructor: Connor Song, email: yuang.song00@myhunter.cuny.edu
Office hours: Tuesdays from 3:30 p.m. to 5:30 p.m. in HE 924
> It would help me plan the hours, if you email me or let me know in class you plan to come to the office hours.

Learning Outcomes.

This course emphasizes statistical literacy and develops statistical thinking. Statistical literacy is promoted throughout the text in the many examples and exercises, drawn from published research findings and the popular press. Many of the examples and exercises discussed will highlight the central role of probability and statistics in 21st century science. Students should understand how to adequately interpret and communicate statistical results. Understanding the nature and role of variability is key to developing sound skills in statistical thinking.

Textbook: Introduction to Statistics and Data Analysis, Enhanced Review Edition (5th Edition) by Roxy Peck, Chris Olsen, Jay L. Devore. Duxbury Press; **WebAssign is mandatory!**

Class key for WebAssign (self-enrollment): hunter 2799 8361

Grading Policy

There are two in-class non-cumulative tests, online homework assignments (worth 20% of the grade), and a final exam. The tests and final are closed-book exams. Calculators and formula sheets are allowed. The final is cumulative. **There will be no remake for the tests and final!** The final counts twice as much as the tests. Your lowest score will be dropped (if your final exam has the lowest score, it will be counted only once).

Incomplete and Credit/Non-Credit

Students wishing to *request an INC grade* must do so in writing explaining the reasons, AND have AT LEAST a C average. Students wishing to *request a CR/NCR grade* must have taken the exams, and have at least a 40% average.

Policy on Cheating

Cheating is an extremely serious offense. A student caught copying someone else's work and claiming it as his/her own will receive an F for this class, and could face disciplinary action, including suspension from Hunter College and loss of academic benefits. Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offense against the values of intellectual honesty. The college is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures.

Dolciani Mathematics Learning Center Resources

The Dolciani Center is located in the Library, 7th Floor, East Building. The lab provides multimedia materials (videotape & CDs), as well as tutoring. More information to be distributed shortly by the Center ambassadors.

Tentative schedule

Week 1: January 28, 31 Chapter 1, 2
Week 2: February 4, 7 Chapter 3, 4
Week 3: February 11, 14 Chapter 4 continued, 6
Week 4: February 18, 21 Chapter 6 continued
Week 5: February 25, 28 Chapter 6 continued, Chapter 7
Week 6: March 3, 6 Chapter 8, Review for Exam I
Week 7: March 10, 13 Test 1, Chapter 9
Week 8: March 17, 20 Chapter 9 continued, Chapter 10
Week 9: March 24, 27 Chapter 11
Week 10: March 31, April 3 Chapter 12
Week 11: April 8-16 Spring Recess
Week 12: April 17 Chapter 5
Week 13: April 21, 24 Chapter 5 continued
Week 14: April 28, May 1 Review for Exam II, Exam II
Week 15: May 5, 8 Chapter 15
Week 16: May 12 Review for the Final
Final Week: May 16-22